

MD 550 (Woodsboro Road)

Israel Creek Bridge Replacement

Project Construction Update

November 2013



Crews have demolished the Phase I portion of the existing bridge and are preparing to reconstruct it.

Please use caution in our work zone.

- Watch for new traffic patterns: MD 550 is reduced to a single lane on the bridge over Israel Creek and a temporary traffic signal is in place.
- Watch for construction equipment and working crews and be prepared for stopped or slow traffic. Slow down and don't follow too closely.
- Please drive carefully through our work zone and beyond.



Crews are using a stream diversion in Israel Creek while constructing the foundation for the replacement bridge.

This bridge replacement project is being completed in two phases, with crews demolishing and reconstructing first one half, then the other half of the bridge. Traffic on MD 550 is reduced to a single lane, with a temporary traffic signal to alternate traffic directions.

Current Progress:

1. Crews have installed a temporary stream diversion in Israel Creek (pictured at lower left) to allow construction of the foundation for the replacement bridge.
2. Crews have been installing caissons and H-piles, the underground substructure that will support and lock in place the abutments, or end supports, of the new bridge. These are complete for Abutment B (Phase I).

Upcoming Work Schedule:

1. Pour the footer (base) for abutment B (Phase I)
2. Drill abutment A caissons and install H-piles (Phase I)
3. Form and pour abutments A & B (Phase I)
4. Place Phase I pre-stressed girders (the beams that will support the driving surface of the new bridge)
5. Complete Phase I and switch traffic to begin Phase II

Project completion is anticipated in late spring 2014.

On behalf of the Maryland State Highway Administration, I would like to thank you for your cooperation and patience. Please drive with caution through our work zone.

James Miller

Construction Project Engineer

Maryland State Highway Administration